

From: Elizabeth Basil
To: Jay Hudson; Metts, Julie
CC: Joe; Myra; Rhonda; Veronica B
Date: 9/4/2008 6:32 PM
Subject: information request

Jay and Julie,

This email is a request for additional information for the "beyond the floor" analysis for HAPs. For the technology questions, we have seen these technologies in other states' permits.

Mercury beyond the floor analysis

1. Analysis of the control device configuration of a spray dryer absorber and wet scrubber
2. Analysis of the control device configuration of using a spray dryer absorber in lieu of a wet scrubber
3. Analysis of the control device configuration of ESP, ACI and baghouse (or additional ESP) in series.
4. Analysis of the control device configuration of two ESP in series

Other HAP (surrogates) analysis. Santee Cooper has proposed using PM as a surrogate for HAP metals (minus mercury), CO for organic HAPs and SO₂ for acid HAPs. Lower limits than what was proposed in the draft PSD that could be considered MACT. We are requesting the facility:

5. Review the RBLC and other data information areas for sources whose emissions are lower than those proposed by Santee Cooper
6. Analyze those sources for the best controlled emission limitation and beyond the floor analysis.
7. Calculate post control PM, CO and SO₂ emissions using the predicted maximum control efficiency of the control devices. Provide calculations.

If any of these questions need further clarification, just let me know. Please submit responses to these questions as soon as possible.

Thanks,
Liz

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